FORM PTO-1390 (Modified)   U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE
(REV. 12-2004)

TRANSMITTAL LETTER TO THE UNITED STATES	**ATTORNEY'S DOCKET NUMBER** KRO-10302/36
DESIGNATED/ELECTED OFFICE (DO/EO/US)	**U.S. APPLICATION NO. (If known, see 37 CFR 1.5)**
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	10/531826

INTERNATIONAL APPLICATION NO. PCT/DE03/003443	INTERNATIONAL FILING DATE 17 October 2003	PRIORITY DATE CLAIMED 18 October 2002

TITLE OF INVENTION

SENSOR MEASURING BY CAPACITANCE AND DETECTION DEVICE FOR THE DETECTION OF AN OBSTRUCTION SITUATION

APPLICANT(S) FOR DO/EO/US

Peter Gutendorf

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:
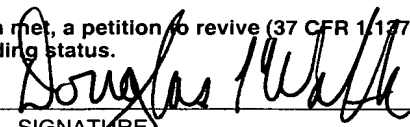
1. ☒   This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.

2. ☐   This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.

3. ☐   This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.

4. ☒   The US has been elected (Article 31).

5. ☒   A copy of the International Application as filed (35 U.S.C. 371 (c)(2))

    a. ☐   is attached hereto (required only if not communicated by the International Bureau).

    b. ☒   has been communicated by the International Bureau.

    c. ☐   is not required, as the application was filed in the United States Receiving Office (RO/US).

6. ☒   An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).

    a. ☒   is attached hereto.

    b. ☐   has been previously submitted under 35 U.S.C. 154(d)(4).

7. ☒   Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))

    a. ☐   are attached hereto (required only if not communicated by the International Bureau).

    b. ☐   have been communicated by the International Bureau.

    c. ☐   have not been made; however, the time limit for making such amendments has NOT expired.

    d. ☒   have not been made and will not be made.

8. ☐   An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

9. ☒   An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).

10. ☐   An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

11. ☐   A copy of the International Preliminary Examination Report (PCT/IPEA/409).

12. ☒   A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐   An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

14. ☐   An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

15. ☒   A **FIRST** preliminary amendment.

16. ☐   A **SECOND** or **SUBSEQUENT** preliminary amendment.

17. ☒   A substitute specification.

18. ☒   A power of attorney and/or change of address letter.

19. ☐   A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

20. ☐   A second copy of the published International Application under 35 U.S.C. 154(d)(4).

21. ☐   A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

22. ☒   Express Mail Label No.   EV339617429US

23. ☒   Other items or information:

    Copy of published application
    Return postcard
    Replacement drawing sheets (2)

PCTUS1/REV05

U.S. APPLICATION NO (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
10/531826	**PCT/DE03/003443**	**KRO-10302/36**

24. The following fees are submitted:		Applicant use	Office use
☒ a) Basic national fee $300.00		$ $300.00	
☒ b) Examination fee $200.00		$ $200.00	
☒ c) Search fee $500.00		$ $500.00	
TOTAL OF ABOVE CALCULATIONS = $1000.00		$ $1,000.00	

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is $250 for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round **up** to a whole	RATE		
- 100 =	0 /50 =		x	$	

Surcharge of **$130.00** for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				$ $130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	10 - 20 =	0	x $50.00	$ $0.00	
Independent claims	2 - 3 =	0	x $200.00	$ $0.00	
MULTIPLE DEPENDENT CLAIMS (if applicable)	☐	+ $360.00		$ $0.00	
TOTAL OF ABOVE CALCULATIONS =				$ $1,130.00	

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		$ $0.00	
SUBTOTAL =		$ $1,130.00	

Processing fee of **$130.00** for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		$ $0.00	
TOTAL NATIONAL FEE =		$ $1,130.00	

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40 per property +		$ $0.00	
TOTAL FEES ENCLOSED =		$ $1,130.00	

	Amount to be refunded:		$
	Amount to be charged:		$

a. ☒ A check in the amount of $ ___$1,130.00___ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is

c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. ___07-1180___ . A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Douglas L. Wathen
Gifford, Krass, Groh et al
PO Box 7021
Troy, MI 48007-7021

_____
SIGNATURE

Douglas L. Wathen
_____
NAME

41,369
_____
REGISTRATION NUMBER

PCTUS1/REV05